

SOLIS MARINE WEBINARS SUMMER / AUTUMN 2020

WASH DAMAGE INVESTIGATIONS

A case study to discuss all aspects of this type of claim from berth damage and quantum considerations to navigation aspects, data led reconstructions and numerical analysis (CFD) for vessel and mooring interactions.

CONTAINER LOSS AND CONTAINER SHIP FIRES

A discussion of the primary causes of container loss in bad weather, sources of information for investigations and the assessment of parametric rolling. Followed by some practical considerations when fighting container ship fires.

PROJECT CARGO CHALLENGES DURING COVID 19

The pandemic has caused many issues with the planning, mobilisation and loading of project cargo. This includes disruptions in the logistic supply chain for equipment and materials essential for the safe loading and securing of cargo as well as restrictive travel conditions. There are many vessels where crew are long overdue for repatriation and it is their determination, motivation, professionalism and dedication that is required as never before to ensure that mobilisations and transportations can take place. This webinar explores some of our experiences where we have been able to assist by providing the on-site attendances and acted as the eyes and ears of operators having to monitor events from afar.

CARGO ISSUES IN CHINA

Common issues encountered in China with the loading and securing of general cargo, heavy lifts and particularly steel products (coils, pipes, plate) as well as project equipment for renewable and oil and gas projects. We discuss how problems can be anticipated and dealt with locally to mitigate for the possibility of damage and delays to schedules.

All webinars can be delivered within a flexible 45 minute time allowance to include Q&A.

TUGS & TOWAGE

Looking at the towage of vessels, barges and other floating objects. Issues encountered including tug suitability and power, preparation of the tug and tow, stability, routing and weather.

MARLAB – ADDRESSING DATA CHALLENGES FOR AUTONOMOUS VESSELS

A brief overview of this recently completed project that was conducted on behalf of the UK Maritime and Coastguard Agency (MCA) to assess potential barriers to the development of marine autonomous surface vessels (MASS) including regulatory, legal and data issues.

CONSEQUENCES OF POOR NAVIGATION PRACTICES

A look at some of the consequences of poor navigation practices observed on board modern sea going vessels. With the rapid advancement of technology, bridge and navigation systems on board ships have evolved and require the modern-day navigation to have an in-depth working knowledge of complex integrated electronic navigation systems.

MARINE RENEWABLES

An introduction from Solis Marine Engineering to the developing sectors of tidal, wave and floating offshore wind. A review of the current state of the market, emerging technologies and operational challenges.

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